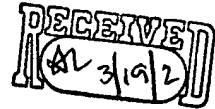


Golestani 3

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Official



Patent Application

Inventor(s)	Jamaloddin S Golestani	Case Name	Golestani 3
Filing Date	6/5/99	Serial No.	09/327,347
Examiner	Hieu Le	Group Art Unit	2153
Title	End-to-End Internet Congestion Control		

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
SIR:

AMENDMENT

In response to an Office action dated January 15, 2002, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 4 line 1 with the following:

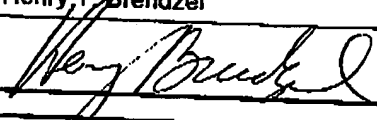
It should be noted that for any fixed window size, as the network becomes congested and the round trip delay increases, the transmission rate is concomitantly reduced. This reaction takes place within one round trip delay, i.e. it is a short-term operation. Thus, the window scheme provides a form of dynamic congestion control even if the window size is not adjusted according to network conditions. If modifying the window size in response to quasi-static network conditions is permitted, then the window scheme combines dynamic and quasi-static congestion control. In such an arrangement, the window size can be set to the product of the *medium-term* average rate, r_s , and the medium term average round trip delay, τ_s ; i.e., $w_s = r_s \cdot \tau_s$.

Please replace the paragraph beginning at page 10 line 11 with the following:


Realization of this fact suggests that v_s can be used as a priority assignment to sessions. Sessions with larger v_s are cut less severely in response to network congestion. Correspondingly, a larger v_s makes sessions less sensitive to the number of hops they must traverse in the network. It should be mentioned, perhaps, that any advantage gotten

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Complete if Known		
		Application Number	09/327,347	
		Filing Date	6/5/99	
		First Named Inventor	Jamaloddin S Golestani	
		Examiner Name	Hieu Le	
		Group/Art Unit	2153	
Total number of pages in this Submission: this page, plus		14	Attorney Docket ID	Golestani 3

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Form (<input type="checkbox"/> Check included) <input type="checkbox"/> Fee Form not included, but should a fee be due, the Commissioner is Authorized to charge Deposit Account No 600732 of Henry T. Brendzel <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.2 or 1.53 <input type="checkbox"/> Declaration (no Missing Parts Notice)	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (TO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation or Change of Correspondence Address <input type="checkbox"/> Express Abandonment <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> To Convert to Statutory Invention Registration	<input type="checkbox"/> Postcard(s) <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for a Refund <input type="checkbox"/> After Allowance Communication to group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual Name	Henry T. Brendzel	
Signature		Date 3/19/01

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington D.C. 20231 on this date: 		
Name of Person Signing	Signature	Date

CERTIFICATE OF FACSIMILE		
I hereby certify that this correspondence is being electronically transmitted by facsimile to the United States Patent Office:		
Name of Person Signing	Signature	Date
Henry Brendzel		3/19/01